

## Final Project Stage 1 – Update Academic Buildings in UBC LCA Database

Complete the following steps for your building's material impacts:

- 1 – Download IE4B software - <http://calculatelca.com/software/impact-estimator/>
- 2 – Locate your whole building and the 7 elemental .AT4 files in **Dropbox** and open each in the IE4B (recommended to run each file one at a time to avoid crashing your computer).
- 3 – For each .AT4 file, 'Modify' the 'Building Life Expectancy' to 60 years, and produce 'Reports' in 'Detailed Summary Measures' by 'Life Cycle Stage', and a 'Bill of Materials'. Export each as an 'Excel' file.
- 5 – Upload the new BoMs and Impact Assessment results to your building's tab in the CIVL498C 2014 Database on **Google Drive**. Keep the previous study elemental Quantities the same.
- 6 – Create a file in your **Dropbox** folder called '2014 Model' and upload the updated .AT4 files.

Summary of Submissions:

BoM, Impact Assessment and previous study elemental Quantities uploaded online to **Google Drive**, and .AT4 files uploaded to **Dropbox** folder.

Mark Distribution:

This assignment is 5% of your final grade. 2% for submitting on-time and 3% for carrying out the steps correctly.